

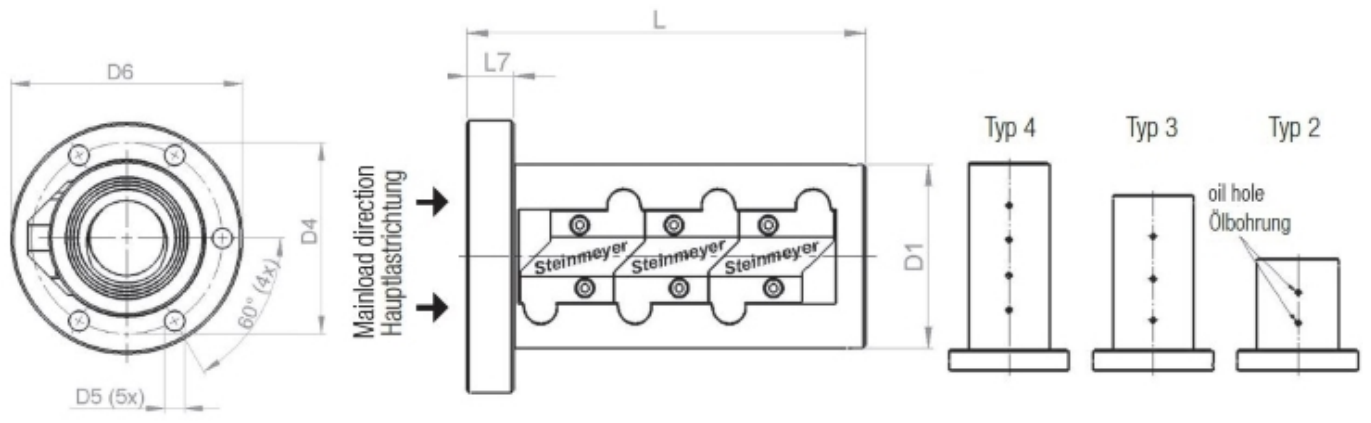
9414/12.40A.9.9

DESCRIPTION

- Nut Series 9414 with [Z-ball return](#),
Flange single nut, 3 ball circles per
deflector
- Available with or without wipers
- Nut shape design for transmission of
high loads
- Single start ball thread, ground
execution according to accuracy class
P1-P5
- For appropriate nut design we need
direction of main load. In case of tensile
load, please check tensile strength of
mounting screws.



TECHNICAL DATA AND DIMENSIONS



Series		9414		Flange thickness	[mm]	L7	18
Nominal diameter	[mm]	dN	40	Max. axial load	[kN]	Fmax	113,4
Lead	[mm]	P	12	Dynamic load capacity	[kN]	Ca	226,80
Ball circles		i	3x3	Static load capacity	[kN]	C0a	440,00
Ball diameter	[mm]	dW	9	Pilot diameter	[mm]	D1	70
DN-value			160000	Bolt circle diameter	[mm]	D4	86
No. of starts			1	Flange hole diameter		D5	9
Maximum play	[mm]		0,02	Flange diameter	[mm]	D6	104
Nut length	[mm]	L	152				

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Drive Technology, Ball Screws, Precision Ball Screws, Miniature Ball Screws, Ultra Thrust Ball Screws, Rotating Nuts, Cooled Ball Screws, Precision Lead Screws, Differential Rolled Screws, Rolled Ball Screws